

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

Section 1A

Date of Report: 04/12/2006

DSR Number: 103-05-213K Project Number: _____

NRCS Entry Only

Eligible: YES ☒ NO ☐
Approved: YES ☒ NO ☐
Funding Priority Number (from Section 4) 32
Limited Resource Area: YES ☐ NO ☒

Section 1B Sponsor Information

Sponsor Name: City of Covington

Address: 609 Columbia Street

City/State/Zip: Covington, LA 70433-2707

Telephone Number: (985) 892-1811

Fax: (985) 898-4723

Section 1C Site Location Information

County: St. Tammany State: LA Congressional District: 1

Latitude: See Comments Longitude: See Comments Section: 37 Township: 6S Range: 11E

UTM Coordinates: 15

Drainage Name: Various Drains in the City of Covington Reach: Martin Luther King, Cherokee, Stone, and Edwards

Damage Description: Debris is impacting capacity and drainage of channel. Debris mostly trees /medium to heavy with complexities.

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Recovery measures would be for runoff retardation or soil erosion prevention?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Threat to life and/or property?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Event caused a sudden impairment in the watershed?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Imminent threat was created by this event?**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
For structural repairs, not repaired twice within ten years?***	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action (Go to pages 3, 4, 5 and 6 ***)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Proposed action technically viable? (Go to Page 9 ***)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES ☒ NO ☐

Comments: Start: MLK N30.48028 W-90.09250 Stone N30.48502 W-90.08100 Cherokee N30.47874 W-90.08763 Edwards N30.48550 W-90.08550
End: MLK N30.48082 W-90.09504 Stone N30.48663 W-90.08809 Cherokee N30.48440 W-90.09240 Edwards 30.48777 W-90.09224

* Statutory

** Regulation

*** DSR Pages 3 through 5 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages.

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Section 1E Proposed Action

Describe the preferred alternative from Findings: Section 5 A:

The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable. Remove and dispose of debris and large trees from the channel using conventional methods from top bank and from within channel (non-floating equipment).

Total installation cost identified in this DSR: Section 3: \$ _____

Section 1F NRCS State Office Review and Approval

Reviewed By: _____

State EWP Program Manager

Date Reviewed: 7/18/06

Approved By: _____

State Conservationist

Date Approved: 7/24/06

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies. IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202)720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410, or call (800)795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternative Designation		
		Proposed Action	No Action	Alternative
		Remove and dispose of debris from the channel using only one side for access.	Leave all debris in the channel	Remove and dispose of debris from the channel using both sides for access.
		2D Effects of Alternatives		
Soil				
Soil Erosion	Disturbed soils from tree fall and uprooting = 20T/ac	Removal of debris will allow for reveg - reduce erosion 5T/ac	Disturbed soils from tree fall and uprooting = 20T/ac	Removal of debris will allow for reveg- reduce erosion 10T/ac
Soil Quality	soil quality reduced	soil quality improved	soil quality reduced	soil quality improved
Water				
Downstream water rights				
DO	Low DO due to decreased water flow	remove debris/increase flow/ restore DO to pre-storm cond	low DO from decreased water flow	remove debris/increase flow/ restore DO to pre-storm cond
BOD	Increased BOD from water blockage	Restore BOD to pre-storm condition	Continued increase in BOD	Restore BOD to pre-storm condition
Overall stream health	SVAP not calculated - man made ditch	SVAP not calculated - man made ditch	SVAP not calculated - man made ditch	SVAP not calculated - man made ditch
Air				
Particulate matter/dust	no effect	Short-term increase during debris removal	No effect	Short-term increase during debris removal
Plant				
Riparian plants	Downed trees limiting growth of some riparian vegetation	Short term decrease in riparian veg/long term increase	Downed trees limiting growth of some riparian vegetation	Short term decrease in riparian veg/long term increase
Aquatic plants	No effect noted	No effect	No effect	No effect
Animal				
Aquatic habitat	Impaired water quality - decreased aquatic habitat	Increase water quality - increase aquatic habitat	Impaired water quality - decreased aquatic habitat	Increase water quality - increase aquatic habitat
Upland wildlife habitat	Some damage due to debris	Short-term loss due to access work	Continued damage due to debris	Short term loss due to access work
Other				
Aesthetics	Impaired aesthetics due to debris	Improved aesthetics	Impaired aesthetics due to debris	Improved aesthetics
Vector	Potential increase due to blocked flow	Improve flow-decrease vect	Potential increase due to blocked flow	Improve flow-decrease vect

Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	CWA jurisdiction - no permit needed if debris left in channel	CWA jurisdiction - 404 permit required	CWA jurisdiction - no permit needed if debris left in channel	CWA jurisdiction - 404 permit required
Coastal Zone Management Areas	Not within the coastal zone	Not applicable	Not applicable	Not applicable
Coral Reefs	Not applicable	Not applicable	Not applicable	Not applicable
Cultural Resources	Cemetery adjacent to one reach	Cemetery adjacent to one reach. Cross reference with state leader	Cemetery adjacent to one reach	Cemetery adjacent to one reach. Cross reference with state leader
Endangered and Threatened Species	None noted, 8 species listed for parish - no likely habitat on site	None noted, 8 species listed for parish - no likely habitat on site - no effect	None noted, 8 species listed for parish - no likely habitat on site - no effect	None noted, 8 species listed for parish - no likely habitat on site - no effect
Environmental Justice	Not applicable	Not applicable	Not applicable	Not applicable
Essential Fish Habitat	Not applicable	Not applicable	Not applicable	Not applicable
Fish and Wildlife Coordination	Not applicable	State level review by project type with USFWS & LDWF; consultation not required for debris removal	Not applicable	State level review by project type with USFWS & LDWF; consultation not required for debris removal
Floodplain Management	In 100 year floodplain - function is impaired	Improved function to drainage channel by restoring pre-storm condition	In 100 year floodplain - function is impaired	Improved function to drainage channel by restoring pre-storm condition
Invasive Species	Many invasives - privet, bamboo, honeysuckle, japan climbing fern, chinese tallow tree, elephant ear	Invasives likely to spread with soil disturbance - seed immediately after debris removal	Many invasives - privet, bamboo, honeysuckle, japan climbing fern, chinese tallow tree	Invasives likely to spread with soil disturbance - seed immediately after debris removal
Migratory Birds	Some habitat in areas, no real impacts, cardinal noted in one reach	Short term impact due to vegetation disturbance during access	Some habitat in areas, no real impacts, cardinal noted in one reach	Short term impact due to vegetation disturbance during access
Natural Areas	Not applicable	Not applicable	Not applicable	Not applicable
Prime and Unique Farmlands	Not applicable	Not applicable	Not applicable	Not applicable
Riparian Areas	Riparian area impacted by debris in channel/alterd hydrology	Riparian areas improved by debris removal/short term impact from access	Riparian area impacted by debris in channel/alterd hydrology	Riparian areas improved by debris removal/short term impact from access
Scenic Beauty	Not applicable	Not applicable	Not applicable	Not applicable
Wetlands	Not applicable	Not applicable	Not applicable	Not applicable
Wild and Scenic Rivers	Not applicable	Not applicable	Not applicable	Not applicable

Completed By: Beth SchreierDate: 04/08/2006

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Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages (\$)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
18 houses @ \$50,000	900,000.00	25	225,000.00
9 houses @ \$100,000	900,000.00	25	225,000.00
2 houses @ \$150,000	300,000.00	25	75,000.00
4 houses @ \$200,000	800,000.00	25	200,000.00
2 houses @ \$250,000	500,000.00	25	125,000.00
3 houses @ \$300,000	900,000.00	25	225,000.00
Properties Protected (Public)			
City Hall Bldg. @ \$3,000,000	3,000,000	10	300,000.00
Business Losses			
Hardware Store @ 150,000	150,000.00	25	37,500.00
Veterinary Clinic @ 250,000	250,000.00	25	62,500.00
Other			
Cemetery @ 1,000,000	1,000,000.00	10	100,000.00
2 Culvert Boxes @ \$35,000	70,000.00	25	17,500.00
Total Near Term Damage Reduction \$			1,575,000.00
Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)			

Completed By: Kevin Stilley

Date: 04/12/1006

Section 2G Social Consideration This section must be completed by each alternative considered

(attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No life lost during the storm, but several deaths were attributed to post storm clean-up
Is there the potential for loss of life due to damages from the watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has access to a hospital or medical facility been impaired by watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Many homes in the area could flood if debris in the channel were not removed
Is there a lack or has there been a reduction of public safety due to watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Completed By: Kevin Stilley Date: 04/12/2006

DSR NO: _____
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Section 2H Group Representation and Disability Information

This section is completed only for the preferred alternative selected.

Group Representation	Number
American Indian/Alaska Native Female Hispanic	
American Indian/Alaska Native Female Non-Hispanic	
American Indian/Alaska Native Male Hispanic	
American Indian/Alaska Native Male Non-Hispanic	
Asian Female Hispanic	
Asian Female Non-Hispanic	
Asian Male Hispanic	
Asian Male Non-Hispanic	
Black or African American Female Hispanic	
Black or African American Female Non-Hispanic	48
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	43
Hawaiian Native/Pacific Islander Female Hispanic	
Hawaiian Native/Pacific Islander Female Non-Hispanic	
Hawaiian Native/Pacific Islander Male Hispanic	
Hawaiian Native/Pacific Islander Male Non-Hispanic	
White Female Hispanic	2
White Female Non-Hispanic	13
White Male Hispanic	2
White Male Non-Hispanic	11
Total Group	119

Census tract(s) City of Covington, US Fact Finder

Completed By: Kevin Stilley Date: 04/12/2006

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access permission - St Tammany Parish government
CWA - Section 404 Permit - Army Corps of Engineers
Water Quality Certification - LA Dept of Water Quality

Mitigation Description:

Work should be conducted from one side of channel whenever possible to avoid unnecessary impacts. Debris will be removed from site in more urban area reaches; the debris on the remaining reaches will be chipped and spread on site or hauled away. If spread on site, it will be far enough away to prevent re-introduction to channel. Exposed soil areas will be reseeded with seed mix appropriate to the site conditions.

Work will be done on consecutive days to minimize impacts to local wildlife.

Agencies, persons, and references consulted, or to be consulted:

US Army Corps of Engineers - New Orleans District
LDEQ
LDWF
St Tammany Parish Government

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Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2. Is this a site where there is serious, but not immediate threat to human life?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		3e
4. Is this site a funding priority established by the NRCS Chief?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
The following are modifiers for the above criteria			Modifier	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?				
e. Will the proposed action or alternatives maintain or improve current water quality conditions?			e	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

DSR NO: 103-05-213K

Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable. Remove and dispose of debris from the channel using only one side for access.

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

☒ Has been sufficiently analyzed in the EWP PEIS (reference all that apply)
Chapter 5.2.2.1.2
Chapter _____
Chapter _____
Chapter _____
Chapter _____

_____ May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: Director of Conservation

Date: 7/14/06

Section 5B Comments:

Section 5C

Sponsor Concurrence:

Sponsor Representative

Title: Candace Watkins

Date: 7/13/06

Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

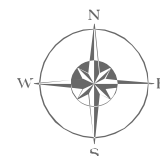
PERMIT MAP OF CHEROKEE CREEK, STONE CREEK, MARTIN LUTHER KING DSR 103-05-213 K ST. TAMMANY



Legend

- Edwards
- Stone
- Cherokee
- Martin Luther King

Topo Quad Covington
Sections: 37
Township 6 S
Range 11 E



Feet

1:8000

0

680

1,360

2,040

2,720

July 27, 2006